

# $F_{ab}(x_r) =$ achromatische Rezeptorerregung

antagonistisches Modell

$a=1,00$ ,  $b=1,00$   $e=2,7182$

$a' = a \ln(10) = 2,302$ ,  $\beta = 1,0$

$$F_{ab}(x_r) = -b \beta \frac{10^{x_r/a'} - 10^{-x_r/a'}}{10^{x_r/a'} + 10^{-x_r/a'}}$$

$$F'_{ab}(x_r) = -4 b \alpha / [a \{ 10^{x_r/a'} + 10^{-x_r/a'} \}^2]$$

$a=1,00$ ;  $b=1,00$

$F'_{ab}(x_r)$

$\alpha=0,65$

